

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection & Quarantine
4700 River Road
Riverdale, MD 20737

**Controlled Import Permit to Import Restricted or Not Authorized Plant
Material**
Regulated by 7 CFR 319.6

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Dr. Jorge Dubcovsky	PERMIT NUMBER:	PCIP-19-00330
ORGANIZATION:	University of California	APPLICATION NUMBER:	P588-190603-003
ADDRESS:	One Shields Avenue Davis, CA 95616	DATE ISSUED:	07/29/2019
MAILING ADDRESS:	One Shields Avenue Davis, CA 95616	FACILITY NUMBER:	4457
PHONE:	(530) 752-5159	EXPIRES:	07/29/2021
FAX:	(530) 752-4361		
GROWING LOCATION:	One Shields Avenue Davis, CA 95616		

PORTS OF ENTRY: CA, South San Francisco

Under the conditions specified, this permit authorizes the following:

<u>Article(s)</u>	<u>Countries of Origin</u>	<u>Plant Parts</u>	<u>Grown in U.S.</u>	<u>Intended Use</u>	<u>Total Qty</u>	<u>Qty per Shipment</u>	<u>Number of Shipments</u>
Wheat and barley seeds	Australia	Seed	Yes (Greenhouse)	Research on genes controlling wheat and barley flowering time and spike development	grams	100 grams	10

SPECIAL INSTRUCTIONS TO INSPECTORS

See permit conditions below

Seeds should be free of pests and signs and symptoms of disease.


PERMIT CONDITIONS

This permit authorizes the importation of the listed articles, under the conditions specified below. A copy of this permit (including all conditions) must accompany all shipments authorized under this permit.

In addition to this permit, genetically engineered plant materials regulated by 7 CFR Part 340 must be imported with a valid APHIS 2000 Permit or Notification. Please call (301) 851-3935 or email Biotechquery@aphis.usda.gov for more information.

Receipt or use of foreign isolates or samples from countries under sanctions requires specific permission

Permit Number PCIP-19-00330

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.	DATE
 Pauline Spaine	07/29/2019

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

from the U.S. Department of Treasury (see <http://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx> for current country/regional listings) for current country listings.

Any person who violates the Plant Protection Act (PPA) of the United States, individuals or corporations who fail to comply with these conditions and authorizations, or who forge, counterfeit, or deface permits may be criminally or administratively prosecuted and found guilty of a misdemeanor which can result in penalties, a one-year prison term, or both. Additionally, any person violating the PPA may be assessed civil penalties of up to \$250,000 per violation or twice the gross gain or gross loss for a violation that results in the person deriving pecuniary gain or a pecuniary loss to another, whichever is greater. In addition, all current permits may be cancelled and future permit applications denied.

This APHIS-issued import permit only covers compliance with APHIS regulations and requirements. Therefore, this APHIS permit for the commodity to be imported does not reduce or eliminate the permittee's legal duty and responsibility to likewise comply with all other Federal and State regulatory requirements applicable to the commodity to be imported.


This permit authorizes the importation of wheat and barley seeds from Australia to Jorge Dubcovsky, University of California, One Shields Avenue, Davis, CA 95616 for research and propagation in the approved facility (#4457).

1. The person who is issued this PPQ Controlled Import Permit (CIP) and his/her employees or Agents, shall comply with the following permit conditions, which are deemed by the USDA APHIS Administrator to be necessary to prevent the dissemination and establishment of plant pests.

The permit holder must:

- (a) be at least 18 years of age, have and maintain an address in the United States that is specified on the permit, and be physically present during normal business hours at that address during any periods when articles are being imported or moved interstate under the permit.
- (b) notify the PPQ-CIP unit if it is necessary to transfer of permit ownership, and changes in address or phone number.
- (c) keep the CIP permit valid for the duration of possession of any imported plant material that is maintained under his/her possession until released from permit requirements as directed in this permit.
- (d) maintain the regulated plant material only at the location specified in the permit, and dispose of the material as described in the permit conditions.
- (e) notify the PPQ-CIP unit, within 3-5 days, of any signs of potential disease symptoms such as wilting, dying or sudden death, or accidental release or destruction of regulated plant material.
- (f) notify the PPQ-CIP unit of the receipt of any unauthorized plant material not listed on the permit.
- (g) notify the PPQ-CIP unit, within 3-5 days, if facilities which contain imported plant material are renovated, decommissioned for any reason or severely damaged by natural disaster.
- (h) destroy all regulated plant material prior to the permit holder's departure from the approved facility unless other arrangements are confirmed by the PPQ-CIP unit, or unless a new permit is in place with a responsible party at the facility.

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(i) Notification or Contact information for PPQ-CIP unit: Telephone (301) 851-2046 or (877) 770-5990 (Toll-Free Automated System); Fax (301) 734-5786; Email: controlled.import.permits@aphis.usda.gov.

2. The plant materials must be selected from apparently disease-free and pest-free sources, free of federal noxious weeds and soil.

3. All regulated plant material is subject to inspection at a PPQ Plant Inspection Station (PIS) at the time of entry to the U.S. If found infected/infested at the PIS, plant material may be destroyed, treated or returned to the exporter at the permittees expense.

4. Packaging and Shipping:

Packaging:

(a) The shipment must be accompanied by an invoice or packing list indicating its contents, which are clearly labeled, and include the permit number on the bill of lading.

(b) The imported plant material must be packaged sufficiently to prevent cross contamination during shipment.

(c) Imported materials must not be wrapped or otherwise packaged in a manner that impedes or prevents adequate inspection or treatment.

(d) The material must be shipped in a sturdy closed container that will prevent the possible escape or introduction of plant pests during shipment.

(e) Any packing material used in the consignment of the plant material must meet the requirements of § 7 CFR 319.37-11, and wood packing material used in the consignment must meet the requirements of § 319.40-3(b).

Shipping:

(a) All shipping arrangements are the responsibility of the permittee.

(b) If shipping using a bonded carrier such as FEDEX, DHL, etc., the international airway bill should direct the package to the PIS. **DO NOT PLACE ANY OTHER DELIVERY ADDRESS ON THE OUTSIDE OF THE PACKAGE.**

(c) Inform the exporter to use a) yellow/green permit label, and b) include a prepaid domestic airway bill in each package that directs the shipment to the final destination and after inspection at PIS to the address where the work is performed.

(d) The instructions for the yellow/green label are provided in the electronic label file. The label must be attached to the outside of the package and directs the package to the designated Plant Inspection Station.

(e) Include a copy of the permit inside the package

5. Notification:

(a) Upon arrival of each shipment at the facility/location, the permittee shall notify, by both email and phone, the State Plant Health Director (<https://www.aphis.usda.gov/planthealth/sphd>) and State Plant Regulatory Official (<http://nationalplantboard.org/membership/>).

(b) The SPHD and the PPQ-Plants for Planting Office (Controlled.Import.Permits@aphis.usda.gov) shall be notified within one week of any abnormality noticed in the plant material or if the plant material dies. Dead plant material shall be autoclaved or incinerated after being recorded.

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6. Identity:

(a) Before being used, all imported plant materials must be labeled "Quarantined material", and stored in a locked cabinet or other secure location under the control of the permittee to prevent pilferage and unauthorized use.

(b) The identity of all regulated material must be maintained throughout the permit period by visible labeling. The information on the label must contain the permit number, the genus, species and cultivar, country of origin and date of arrival.

7. Monitoring and Record keeping:

(a) Records must be kept of all pest or diseases associated with the imported plants including abnormalities and death.

(b) Records of any pesticide applications must be maintained.

(c) The facility where the work is performed, and the imported plant materials are grown, are subject to unscheduled inspection by an APHIS representative during regular business hours. At the time of inspection, the importer must make records available for the imported material received under this permit.

8. Greenhouse requirements:

(a) Access to the imported material must be limited to you, your designated plant pathologist and those you authorize to care for the plants.

(b) A pest management program must be in place to effectively control diseases and pests including arthropods, and insect vectors (e.g. aphids, thrips, and white flies) that potentially could transmit pathogenic organisms.

(c) Records must be kept of all pest or diseases associated with the imported plants that are discovered, as well as any pesticide applications that the plants receive.

(d) A dedicated greenhouse, or a physical barrier such as an insect screening/cage within an approved greenhouse must be used to keep plants isolated and pests from disseminating.

(e) The plant material from individual shipments must be separated physically from any domestic or other imported plants.


9. This permit does not authorize growing of wheat outside the designated greenhouse nor the transfer of imported seeds to anyone else.

10. The growing plants shall be examined during the seedling stage, before heading, and after heading by the Permit Holder's Pathologist for evidence of plant diseases, especially exotic strains of the flag smut disease: twisting and bending of the coleoptile in the seedling stage with the formation of bleached spots on the coleoptile. Later, greyish black linear sori on the older leaf blades and leaf sheaths. Any plants showing evidence of disease are to be immediately rogued and destroyed by incineration or autoclaving. It is the responsibility of the permittee to notify the pathologist so inspection not be delayed.

11. Imported seeds which are not planted within 14 months after importation will be destroyed unless an extension is approved by PPQ. No imported seeds may be distributed to anyone for any purpose without prior approval from PPQ.

12. If flag smut or any exotic pathogen causing disease is detected in the greenhouse where the imported wheat is grown, the permittee shall immediately notify PPQ at Area Code 1-877-770-5990; controlled.import.permits@aphis.usda.gov.

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13. After seed harvest, all vegetative parts of the plants, as well as the medium in which they grew, shall be sterilized in an autoclave or incinerated. All plant material of the same genus which have not been segregated from the imported materials shall be similarly autoclaved or incinerated. All containers (including shipping containers) which were used for imported plant materials shall be destroyed or autoclaved after use. All containers, equipment, etc., which came into contact with imported plant materials shall be sterilized or thoroughly cleaned.

14. Disposal:

(a) After the imported material is removed from the shipping container, the container must be bagged and sterilized by autoclaving, destroyed by double bagging and incineration, or double bagged and taken to a municipal landfill.

(b) All discarded growing media, containers and plant material must be sterilized utilizing methods such as an autoclave, heat application of 121 degrees Celsius (250 F) for minimum of 30 minutes to the core of the treated material, chemical sanitation or incineration prior to disposal into a land fill or municipal sewage. Recommendations for time depending on the type of materials are enclosed below:

<https://sterilizers.com/autoclave-time-temperature-pressure-chart.html>

(c) Unused imported plant materials must be devitalized/destroyed by sterilization using an autoclave or by double bagging and incineration. All related plant waste will be autoclaved or double bagged and incinerated prior to disposal or double bagged and sent for burial to a municipal landfill.

15. Release:

(a) Prior to release, neither the imported material nor increases may be distributed to any person or location unless approved in advance by the PPQ Controlled Import Permit Unit.

(b) A decision to grant or deny permission to release the plant material will be made at the conclusion of the required PPQ quarantine period.

(c) Selections which pass the indexing tests may be formally released after completion of all testing. The SPHD will inspect the site, plants and records before releasing the plants from quarantine OR Selections may be formally released after completion of all testing. The SPHD will inspect the site, plants, and records before releasing the plants from quarantine

(d) Alternatively, APHIS PPQ may prescribe additional treatments or measures, if warranted by pest and/or disease findings.

16. Permit validity and renewal:

(a) Controlled import permits are initially issued for one (1) year and may be renewed for up to an additional two (2) years.

(b) As part of the renewal package, the permittee must submit records that include propagation from the imported plant material, testing results, plant abnormalities and death, plant disposal information, and any pest or disease occurrences

END OF PERMIT CONDITIONS

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